Worksheet 5. Application Summary

This worksheet will be posted on the web to notify the public of requests for critical use exemptions beyond the 2005 phase out for methyl bromide. Therefore, this worksheet cannot be claimed as CBI.

1. **Consortium Name:** Western Raspberry Nursery Consortium
2. **Location:** Wester United States
3. **Crop:** Rubus species, specifically raspberries
4. **Pounds of Methyl Bromide Requested** **2007** **117762** **lbs.**
5. **Acres Treated with Methyl Bromide** **2007** **523.39** **Acres**
6. **If methyl bromide is requested for additional years, reason for request:**

   Until a high quality replacement strategy is determined or a new and highly effective single compound becomes commercially available, we are requesting the use of a relatively small amount of methyl bromide to insure the continued viability of the west coast's commercial raspberry industry.

2006	109965	**lbs.**	**Area Treated**	487.53	**Acres**
2007	117762	**lbs.**	**Area Treated**	523.39	**Acres**
2008	126425	**lbs.**	**Area Treated**	564.89	**Acres**

Place an "X" in the column(s) labeled "Not Technically Feasible" and/or "Not Economically Feasible" where appropriate. Use the "Reasons" column to describe why the potential alternative is not feasible.

Potential Alternatives	Not Technically Feasible	Not Economically Feasible	Reasons
Metam Sodium	X		Significant yield reductions were found compared to methyl bromide looking at multiple years of experiments (the meta study paper). In a nursery situation this yield loss could be caused sub-lethal microbes which we would then be distributing to our growers. The overall yield loss (over many studies) was 29.8% compared to methyl bromide.
Telone and chloropicrin	X		Over the multi-year period of the meta analysis, this alternative had yeild losses of over 14% compared to methyl bromide. As was suggested above, this yield loss would negatively impact our ability to produce pathogen-free planting stock.
Chloropicrin alone	X		The meta-analysis paper showed a yeidl loss of 9.6% compared to methyl bromide and chloropicrin. Once again, this suggests a negative impact on our ability to produce pathogen-free plants.
Dazomet	X	X	There are few nursery studies on this compound. The data we have suggests a possible lack of week control. There would be economic limitations in a rapsberry nursery situation. Distributing weed seeds from our nursery is a potential risk. We have very little data on this compound.
